



Patent  
Attorney's Docket No. 021238-460

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Steven F. SPIERS et al.

Application No.: 09/931,376

Filed: August 17, 2001

For: APPARATUS AND METHOD FOR  
FILING CAVITIES WITH METERED  
AMOUNTS OF GRANULAR  
PARTICLES

Group Art Unit: 3751

Examiner: T.L. Maust

Confirmation No.: 1593

#10/IDS  
5-7-03  
lee

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

MAY 02 2003

TECHNOLOGY CENTER #3700

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☒ Charge \$ 180.00 to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By: William O. Trousdell  
William O. Trousdell  
Registration No. 38,637

Date: April 28, 2003

04/30/2003 BSAYAS11 00000070 024800 09931376

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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|-------------------------------|---|------------------------|
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| Steven F. SPIERS et al.       | ) | Group Art Unit: 3751   |
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| For: APPARATUS AND METHOD FOR | ) |                        |
| FILING CAVITIES WITH METERED  | ) |                        |
| AMOUNTS OF GRANULAR           | ) |                        |
| PARTICLES                     | ) |                        |

**SECOND  
INFORMATION DISCLOSURE STATEMENT**

**RECEIVED**

Assistant Commissioner for Patents  
Washington, D.C. 20231

MAY 02 2003  
TECHNOLOGY CENTER R3700

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent No. 5,826,633

The document is being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c) the fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

A fee in the amount of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, the document is listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: April 28, 2003

By: William O. Trousdell  
William O. Trousdell  
Registration No. 38,637

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620